Docket Number: <u>38-21(15090)B</u>

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next town name

I believe I am an original, first and joint inventor of the subject matter that is claimed and for which a patent is sought on the invention entitled <u>NUCLEIC ACID MOLECULES AND OTHER MOLECULES ASSOCIATED WITH THE TETRAPYRROLE PATHWAY</u>,

the specification of which is filed herewith unless the following box is checked:

X	was filed on January 20, 199 as United States Application was amended on	Number <u>09/233,218</u> ; and			
	state that I have reviewed and by any amendment referred		ove identified specification, includ	ing the cla	ims, as
I acknow	wledge the duty to disclose in	formation that is material to patent	ability as defined in 37 C.F.R. § 1.5	56.	
inventor States li	r's certificate, or § 365(a) of a sted below, and have also ide	ny PCT international application, v	§ 365(b) of any foreign application which designated at least one countries for patent or inventor's certificate riority is claimed.	ry other th	an the United
Prior Fo	oreign Application(s)			Priority	Claimed
				Yes	□ No
(Applica	ation No.)	Country)	(Day/Month/Year Filed)	-	
				☐ Yes	□No
(Applic	ation No.) (	Country)	(Day/Month/Year Filed)	_	
60/067,		J.S.C. § 119(e) of any United States 11/24/1997 (Filing Date)	s provisional application(s) listed b  Abandoned  (Status)	elow.	
60/069, (Applic	<u>472</u> ation No.)	12/09/1997 (Filing Date)	Abandoned (Status)		
60/072, (Applic	<u>027</u> ation No.)	01/21/1998 (Filing Date)	Abandoned (Status)		
60/074, (Applic	<u>201</u> ation No.)	02/10/1998 (Filing Date)	Abandoned (Status)		
60/074, (Applic	<u>282</u> ation No.)	02/10/1998 (Filing Date)	Abandoned (Status)		
60/074, (Applic	280 ation No.)	02/10/1998 (Filing Date)	Abandoned (Status)		
60/074, (Applic	281 ation No.)	02/10/1998 (Filing Date)	Abandoned (Status)		

60/074,566 (Application No.)	<u>02/12/1998</u> (Filing Date)	Abandoned (Status)
60/074,567 (Application No.)	02/12/1998 (Filing Date)	Abandoned (Status)
60/074,565 (Application No.)	<u>02/12/1998</u> (Filing Date)	Abandoned (Status)
60/075,462 (Application No.)	<u>02/19/1998</u> (Filing Date)	Abandoned (Status)
60/075,459 (Application No.)	02/19/1998 (Filing Date)	Abandoned (Status)
60/075,461 (Application No.)	<u>02/19/1998</u> (Filing Date)	Abandoned (Status)
60/075,464 (Application No.)	02/19/1998 (Filing Date)	Abandoned (Status)
60/075,460 (Application No.)	02/19/1998 (Filing Date)	Abandoned (Status)
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60/077,231 (Application No.)	03/09/1998 (Filing Date)	Abandoned (Status)
60/077,229 (Application No.)	03/09/1998 (Filing Date)	Abandoned (Status)
60/077,230 (Application No.)	03/09/1998 (Filing Date)	Abandoned (Status)
60/078,368 (Application No.)	03/18/1998 (Filing Date)	Abandoned (Status)
60/080,844 (Application No.)	04/07/1998 (Filing Date)	Pending (Status)
60/083,067 (Application No.)	04/27/1998 (Filing Date)	Pending (Status)
60/083,387 (Application No.)	04/29/1998 (Filing Date)	Pending (Status)
60/083,388 (Application No.)	04/29/1998 (Filing Date)	Pending (Status)
60/083,389 (Application No.)	04/29/1998 (Filing Date)	Pending (Status)
60/085,224 (Application No.)	05/13/1998 (Filing Date)	Pending (Status)

60/085,223	05/13/1998	Pending
(Application No.)	(Filing Date)	(Status)
60/085,222	05/13/1998	Pending
(Application No.)	(Filing Date)	(Status)
60/086,186 (Application No.)	05/21/1998 (Filing Date)	Pending (Status)
60/086,187	05/21/1998	Pending
(Application No.)	(Filing Date)	(Status)
60/086,185	05/21/1998	Pending
(Application No.)	(Filing Date)	(Status)
60/086,184	05/21/1998	Pending
(Application No.)	(Filing Date)	(Status)
60/086,183	05/21/1998	Pending
(Application No.)	(Filing Date)	(Status)
60/086,188	05/21/1998	Pending
(Application No.)	(Filing Date)	(Status)
60/089,524	06/16/1998	Pending
(Application No.)	(Filing Date)	(Status)
60/089,810	06/18/1998	Pending
(Application No.)	(Filing Date)	(Status)
60/089,814	06/18/1998	Pending
(Application No.)	(Filing Date)	(Status)
60/091,035	06/29/1998	Pending
(Application No.)	(Filing Date)	(Status)
60/091,405	06/30/1998	Pending
(Application No.)	(Filing Date)	(Status)
38-21(15412)A (Docket No.) Title: Nucleic Acid Molecules And Other Molecules Associated With The Plant Sugar And Nitrogen Transporters Pathway	<u>06/30/1998</u> (Filing Date)	Pending (Status)
60/099,670	09/09/1998	Pending
(Application No.)	(Filing Date)	(Status)
60/099,697	09/09/1998	Pending
(Application No.)	(Filing Date)	(Status)
60/100,674 (Application No.)	09/16/1998 (Filing Date)	Pending (Status)
60/100,672 (Application No.)	09/16/1998 (Filing Date)	Pending (Status)

60/101,130 (Application No.)	09/21/1998 (Filing Date)	Pending (Status)
60/101,508 (Application No.)	09/22/1998 (Filing Date)	Pending (Status)
60/101,344 (Application No.)	09/22/1998 (Filing Date)	Pending (Status)
60/101,347 (Application No.)	09/22/1998 (Filing Date)	Pending (Status)
60/101,343 (Application No.)	<u>09/22/1998</u> (Filing date)	Pending (Status)
60/104,128 (Application No.)	10/13/1998 (Filing Date)	Pending (Status)
60/104,127 (Application No.)	10/13/1998 (Filing Date)	Pending (Status)
60/109,018 (Application No.)	11/18/1998 (Filing Date)	Pending (Status)
60/108,996 (Application No.)	11/18/1998 (Filing Date)	Pending (Status)
38-21(15668)A (Docket No.) Title: Nucleic Acid Molecules And Other Molecules Associated With Plants	12/11/1998 (Filing Date)	Pending (Status)
60/113,224 (Application No.)	12/22/1998 (Filing Date)	Pending (Status)

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or under § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56 that became available between the filing date of the prior application and the national or PCT international filing date of this application.

09/210,297	12/08/199 <u>8</u>	Pending
(Application No.)	(Filing Date)	(Status)

38-21 (15075)B	11/24/1998	Pending
(Docket No.)	(Filing Date)	(Status)
Title: Nucleic Acid Molecules		

And Other Molecules Associated

With Plants

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Lawrence M. Lavin, Jr. Dennis R. Hoerner, Jr. Richard H. Shear

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James F. Davis, Reg. No. 21,072
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Alan M. Grimaldi, Reg. No. 26,599
Alexander J. Hadjis, Reg. No. 36,540
Albert P. Halluin, Reg. No. 25,227
Leslie L. Jacobs, Jr., Reg. No. 40,659

Reg. No. 30,768 Reg. No. 30,914 Reg. No. 26,583

Richard H. Kjeldgaard, Reg. No. 30,186
Joseph P. Lavelle, Reg. No. 31,036
David R. Marsh, Reg. No. 41,408
Joseph A. Micallef, Reg. No. 39,772
Erik B. Milch, Reg. No. 42,887
Anthony D. Miller, Reg. No. 34,394
Karen L. Nicastro, Reg. No. 35,968
Bradley J. Olson, Reg. No. 40,750
Andrew Y. Piatnicia, Reg. No. 40,772
Andrea G. Reister, Reg. No. 36,253
Stephen J. Rosenman, Reg. No. 29,209
Timothy L. Scott, Reg. No. 37,931
Anthony W. Shaw, Reg. No. 30,104
J. David Smith, Reg. No. 39,839
Michael J. Songer, Reg. No. 39,841

Send Correspondence to:

Larry M. Lavin, Jr. Monsanto Company

700 Chesterfield Parkway North, BB4F St. Louis, Missouri Facsimile: (314) 737-6047

Direct Telephone Calls to: 314-737-6670

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Claire A. CaJacob			
Inventor's signature Claud as la Jacob	Date 3/17/99		
Residence St. Louis, Missouri USA	· ,		
Citizenship USA			
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Full name of second inventor Jingdong Liu			
Second inventor's signature	Date		
Residence Ballwin, Missouri USA			
Citizenship USA			
Post Office Address 885 Castle Pines Dr. Ballwin, Missouri 63021			
Full name of third inventor			
Third inventor's signature	Date		
Residence			
Citizenship			
Post Office Address			

## **Combined Declaration and Power of Attorney for Patent Application**

Docket Number: 38-21(15090)B

As a below named inventor, I hereby declare that:

 $\times$ 

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter that is claimed and for which a patent is sought on the invention entitled NUCLEIC ACID MOLECULES AND OTHER MOLECULES ASSOCIATED WITH THE TETRAPYRROLE

the specification of which is filed herewith unless the following box is checked:

was filed on <u>Jar</u> as United States was amended or	Application Number 09/233,218; an	d		
I hereby state that I have amended by any amendm		s of the above identified specification, inc	cluding the cla	ims, as
I acknowledge the duty to	o disclose information that is material	to patentability as defined in 37 C.F.R.	1.56.	
inventor's certificate, or § States listed below, and h	365(a) of any PCT international app	(a)-(d) or § 365(b) of any foreign applica lication, which designated at least one con application for patent or inventor's certification which priority is claimed.	untry other th	an the United
Prior Foreign Application	n(s)		Priority	Claimed
			☐ Yes	□ No
(Application No.)	(Country)	(Day/Month/Year Filed)		
			☐ Yes	□ No
(Application No.)	(Country)	(Day/Month/Year Filed)		
I hereby claim the benefi 60/067,000 (Application No.)	t under 35 U.S.C. § 119(e) of any Un	ited States provisional application(s) liste <u>Abandoned</u> (Status)	ed below.	
60/069,472 (Application No.)	12/09/1997 (Filing Date)	Abandoned (Status)		
60/072,027 (Application No.)	01/21/1998 (Filing Date)	Abandoned (Status)		
60/074,201 (Application No.)	02/10/1998 (Filing Date)	Abandoned (Status)		
60/074,282 (Application No.)	02/10/1998 (Filing Date)	Abandoned (Status)		
60/074,280 (Application No.)	02/10/1998 (Filing Date)	Abandoned (Status)		
60/074,281 (Application No.)	<u>02/10/1998</u> (Filing Date)	Abandoned (Status)		

60/074,566 (Application No.)	<u>02/12/1998</u> (Filing Date)	Abandoned (Status)
60/074,567 (Application No.)	02/12/1998 (Filing Date)	Abandoned (Status)
60/074,565 (Application No.)	02/12/1998 (Filing Date)	Abandoned (Status)
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60/075,459 (Application No.)	02/19/1998 (Filing Date)	Abandoned (Status)
60/075,461 (Application No.)	02/19/1998 (Filing Date)	Abandoned (Status)
60/075,464 (Application No.)	02/19/1998 (Filing Date)	Abandoned (Status)
60/075,460 (Application No.)	02/19/1998 (Filing Date)	Abandoned (Status)
60/075,463 (Application No.)	<u>02/19/1998</u> (Filing Date)	Abandoned (Status)
60/077,231 (Application No.)	03/09/1998 (Filing Date)	Abandoned (Status)
60/077,229 (Application No.)	03/09/1998 (Filing Date)	Abandoned (Status)
60/077,230 (Application No.)	03/09/1998 (Filing Date)	Abandoned (Status)
60/078,368 (Application No.)	03/18/1998 (Filing Date)	Abandoned (Status)
60/080,844 (Application No.)	04/07/1998 (Filing Date)	Pending (Status)
60/083,067 (Application No.)	<u>04/27/1998</u> (Filing Date)	Pending (Status)
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60/083,389 (Application No.)	04/29/1998 (Filing Date)	Pending (Status)
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60/086,185 (Application No.)	05/21/1998 (Filing Date)	Pending (Status)
60/086,184 (Application No.)	<u>05/21/1998</u> (Filing Date)	Pending (Status)
60/086,183 (Application No.)	<u>05/21/1998</u> (Filing Date)	Pending (Status)
60/086,188 (Application No.)	05/21/1998 (Filing Date)	Pending (Status)
60/089,524 (Application No.)	<u>06/16/1998</u> (Filing Date)	Pending (Status)
60/089,810 (Application No.)	<u>06/18/1998</u> (Filing Date)	Pending (Status)
60/089,814 (Application No.)	<u>06/18/1998</u> (Filing Date)	Pending (Status)
60/091,035 (Application No.)	<u>06/29/1998</u> (Filing Date)	Pending (Status)
60/091,405 (Application No.)	<u>06/30/1998</u> (Filing Date)	Pending (Status)
38-21(15412)A (Docket No.) Title: Nucleic Acid Molecules And Other Molecules Associated With The Plant Sugar And Nitrogen Transporters Pathway	<u>06/30/1998</u> (Filing Date)	Pending (Status)
60/099,670 (Application No.)	09/09/1998 (Filing Date)	Pending (Status)
60/099,697 (Application No.)	09/09/1998 (Filing Date)	Pending (Status)
60/100,674 (Application No.)	<u>09/16/1998</u> (Filing Date)	Pending (Status)
60/100,672 (Application No.)	09/16/1998 (Filing Date)	Pending (Status)

Appl. No. 09/233,218 Docket No. 38-21(15090)B

60/101,130 (Application No.)	<u>09/21/1998</u> (Filing Date)	Pending (Status)
60/101,508 (Application No.)	09/22/1998 (Filing Date)	Pending (Status)
60/101,344 (Application No.)	09/22/1998 (Filing Date)	Pending (Status)
60/101,347 (Application No.)	09/22/1998 (Filing Date)	Pending (Status)
60/101,343 (Application No.)	<u>09/22/1998</u> (Filing date)	Pending (Status)
60/104,128 (Application No.)	10/13/1998 (Filing Date)	Pending (Status)
60/104,127 (Application No.)	10/13/1998 (Filing Date)	Pending (Status)
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38-21(15668)A (Docket No.) Title: Nucleic Acid Molecules And Other Molecules Associated With Plants	<u>12/11/1998</u> (Filing Date)	Pending (Status)
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<u>09/210,297</u>	<u>12/08/1998</u>	Pending
(Application No.)	(Filing Date)	(Status)

38-21 (15075)B 11/24/1998 Pending
(Docket No.) (Filing Date) (Status)

Title: Nucleic Acid Molecules

And Other Molecules Associated

With Plants

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

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Reg. No. 30,768 Reg. No. 30,914 Reg. No. 26,583

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Michael J. Songer, Reg. No. 39,841

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St. Louis, Missouri

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Claire A. CaJacob	
Inventor's signature	Date
Residence St. Louis, Missouri USA	
Citizenship USA	
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	_
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Second inventor's signature	Date 3-17-99
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Citizenship USA	
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Full name of third inventor	
Third inventor's signature	Date
Residence	
Citizenship	
Post Office Address	